

SERIAL NO: Unknown



APPLICANT: Kurt A. Schroder

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FILING DATE:	October 16, 1997	GR

GROUP: Unknown

		U	.S. PATENT I	DOCUMENTS		· · ·	- y
EXAM. INITIALS	REF. DES	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE I APPROPRIATE
DEM	BA	4,660,832	4/28/87	Shomo	-	_	
DM	ВВ	5,160,139	11/3/92	Soong	-	-	
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	<u> </u>	FOR	EIGN PATEN	T DOCUMENTS			
EXAM.	REF.	DOCUMENT	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES/NO
	DES	NUMBER					
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INITIALS	DES		ncluding Author	, Title, Date, Pertinen	t Pages, Etc	c.)	

citation if not in conformance and not considered. Include copy of this form with next communication to the patent owner.

ATTY. DOCKET NO: 5119-00108

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		U	.S. PATENT	DOCUMENTS			
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EXAM. INITIALS	REF. DES	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES/NO
		OTHER ART (In	cluding Autho	or, Title, Date, Pertinent F	ages, Etc	e.)	
-8n			erford, The Hai	nmer; the King of Tools, R			Comerford
EXAMINE	R:	D. Meislin		DATE CONSIDERED:	10/19/0))	

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REF. DES	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
AA1	5,362,046	11-08-94	Sims			
AB1	4,870,868	10-03-89	Gastgeb et al.			
AC1	5,289,742	03-01-94	Vaughan, Jr.			
AD1	5,375,487	12-27-94	Zimmerman		<u> </u>	
AE1	5,259,274	11-09-93	Hreha			
AF1	5,372,053	12-13-94	Lee			
AG1	5,704,259	01-06-98	Riehle			
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REF. DES	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION. YES/NO
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		"Age-Old Task:	Making a Better Hamm	er," Wall S	treet Journ	al, June
AI1	French, A.P., Newtonian	Mechanics, 197	1, WW Norton, New Yo	ork, NY, pp	. 659-663,	668-671.
R:	D. Meislin		DATE CONSIDERED:	10/19/0	<u>/</u>	
	AA1 AB1 AC1 AD1 AF1 AG1 REF. DES	REF. DOCUMENT NUMBER AA1 5,362,046 AB1 4,870,868 AC1 5,289,742 AD1 5,375,487 AE1 5,259,274 AF1 5,372,053 AG1 5,704,259 FOR REF. DOCUMENT NUMBER OTHER ART (In AH1 Welsh, J., Article titled, 19,1996. AI1 French, A.P., Newtonian	REF. DOCUMENT NUMBER AA1 5,362,046 11-08-94 AB1 4,870,868 10-03-89 AC1 5,289,742 03-01-94 AD1 5,375,487 12-27-94 AE1 5,259,274 11-09-93 AF1 5,372,053 12-13-94 AG1 5,704,259 01-06-98 FOREIGN PATE REF. DOCUMENT DATE NUMBER OTHER ART (Including Authonal Welsh, J., Article titled, "Age-Old Task: 19,1996. AI1 French, A.P., Newtonian Mechanics, 197	DES NUMBER AA1 5,362,046 11-08-94 Sims AB1 4,870,868 10-03-89 Gastgeb et al. AC1 5,289,742 03-01-94 Vaughan, Jr. AD1 5,375,487 12-27-94 Zimmerman AE1 5,259,274 11-09-93 Hreha AF1 5,372,053 12-13-94 Lee AG1 5,704,259 01-06-98 Riehle FOREIGN PATENT DOCUMENTS REF. DOCUMENT NUMBER DATE COUNTRY OTHER ART (Including Author, Title, Date, Pertinent 19,1996. AH1 Welsh, J., Article titled, "Age-Old Task: Making a Better Hamm 19,1996. AI1 French, A.P., Newtonian Mechanics, 1971, WW Norton, New York	REF. DOCUMENT NUMBER DATE NAME CLASS AA1 5,362,046 11-08-94 Sims AB1 4,870,868 10-03-89 Gastgeb et al. AC1 5,289,742 03-01-94 Vaughan, Jr. AD1 5,375,487 12-27-94 Zimmerman AE1 5,259,274 11-09-93 Hreha AF1 5,372,053 12-13-94 Lee AG1 5,704,259 01-06-98 Riehle FOREIGN PATENT DOCUMENTS REF. DOCUMENT NUMBER DATE COUNTRY CLASS OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc. 19,1996. AH1 Welsh, J., Article titled, "Age-Old Task: Making a Better Hammer," Wall S 19,1996. AII French, A.P., Newtonian Mechanics, 1971, WW Norton, New York, NY, pp	DOCUMENT DATE NAME CLASS SUB CLASS

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0	AC4	4,674,746	6/23/87	Benoit			
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	AE4	2,603,260	7/15/52	Floren		X	
	AF4	4,609,198	9/2/86	Tarr			
\downarrow	AG4	4,548,248	10/22/85	Riemann	/		

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9	AB4	28 43 640	4/24/80	GE			

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AA4 International Search Report for PCT/US 97/18661 dated 4/14/98

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DATE CONSIDERED:

10/10/01

Form PTO-1449 (modified) List of Patents and Publications

For Applicant's Information

Disclosure Statement

(Use several sheets if necessary)

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	AB2	5,094,101	3-10-92	Chastonay			(
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	AD2	5,277,059	1-11-94	Chastonay					
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	AF2	5,294,119	3-15-94	Vincent et al.					
V	AG2	5,467,984	11-21-95	Veux et al.			\		
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				or, Title, Date, Pertinent					
A		Physics 49, pp. 816-819	(1981).	tennis racket II: The "swe					
D		Brody, Howard, Article pp. 213-216 (1985).	titled, "The mor	ment of inertia of a tennis	racket," T	he Physics	Teacher 23,		

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DATE CONSIDERED:

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ATTY_DOCKET NO: 5119-00108 SERIAL NO: Unknown Form PTO-1449 (modified) List of Patents and Publications For Applicant's Information Disclosure Statement (Use several sheets if necessary) APPLICANT: Kurt A. Schroder. GROUP: Unknown FILING DATE: October 16, 1997 U.S. PATENT DOCUMENTS FILING DATE IF **CLASS** SUB **DOCUMENT** DATE NAME REF. APPROPRIATE EXAM. CLASS DES NUMBER INITIALS Veux et al. 5,569,097 10-29-96 AJ2 Nashif, et al. AK2 5,655,980 8-12-97 Nashif AL2 5,655,980 8-12-97 Nashif et al. 5,651,545 7-29-97 AM2 AN2 5,316,299 5-31-94 Feche et al. FOREIGN PATENT DOCUMENTS SUB TRANSLATION. CLASS DATE **COUNTRY** REF. DOCUMENT YES/NO EXAM. CLASS DES NUMBER **INITIALS OTHER ART** (Including Author, Title, Date, Pertinent Pages, Etc.) AO2 Kirkpatrick, Paul, Article titled, "Batting the Ball," American Journal of Physics 31, pp. 606-613 (1963).AP2 Brody, Howard, Article titled, "Models of baseball bats," American Journal of Physics 58, pp. 756-758 (1990). DATE CONSIDERED: **EXAMINER:**

Form PTO-1449 (modified) List of Patents and Publications For Applicant's Information Disclosure Statement (Use several sheets if necessary)		JAN 29 2001			SERIAL NO: Unknown			
				APPLICANT: Kurt A	A. Schro	oder		
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		U.	S. PATENT	DOCUMENTS				
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B	AQ2	Brody, H., Article titled, 1986.	"The sweet spo	ot of a baseball bat," America	an Journ	al of Physi	ics 54, July	
Ø		Brody, H., Article titled, 487 (1979).	"Physics of the	tennis racket," American Jo	urnal of	Physics 4'	7, pp. 482-	
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